




# THE SIMPLE SOLUTION FOR COMPLEX ELECTRONIC ENGINES

The world's leading CAN-based monitor and diagnostic display for engines and machinery.

## THE POWERVIEW™ 101

	Compact size to fit your application
	Superior sunlight viewability
	Streamlined design
	Easy-to-use configuration software
	Detailed Diagnostics
	Multiple languages supported (10 options available)



The PowerView 101 displays standard J1939 parameters and fault codes into easy to understand language accessed via a backlit LCD display.

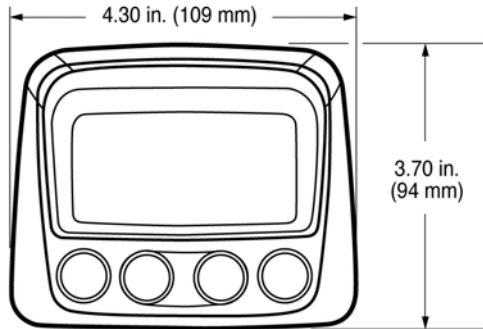
It can display up to four engine/transmission and auxiliary parameters simultaneously. It also features alarm and shutdown lights, along with detailed diagnostics.

With Tier 4 and Stage IIIB/IV compliance, plus compatibility and software configuration options, the PV101 is up to date with the latest customer requirements without sacrificing the ease-of-use that made it a success.

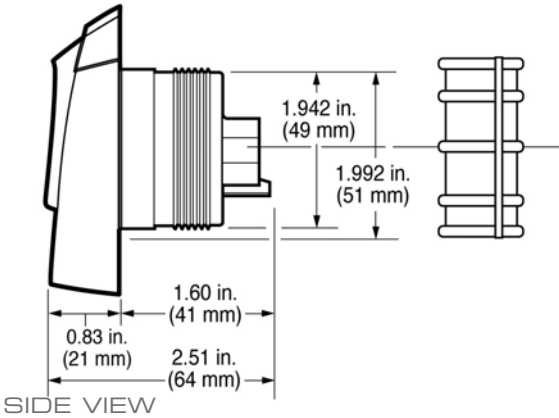
The PowerView 101 display is the industry standard, used by thousands of OEMs around the world. It's built tough, dependable and simply the best.

# THE POWERVIEW™ 101

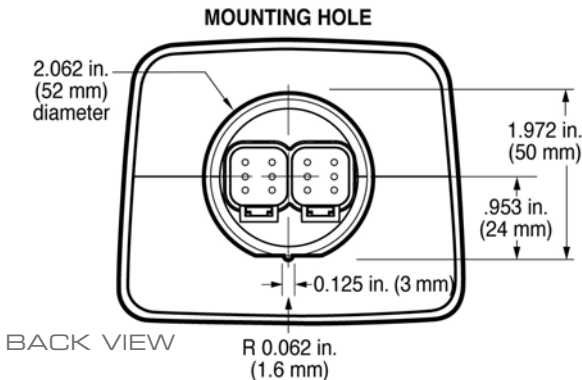
## STANDARD DIMENSIONS



FRONT VIEW



SIDE VIEW



BACK VIEW

## TECHNICAL SPECS

DISPLAY: 1.3 x 2.6 in. [33 x 66 mm], 64 x 128 pixels

OPERATING VOLTAGE: 8 VDC min. to 32 VDC max

REVERSED POLARITY: Withstands reversed battery terminal polarity indefinitely within operating temperatures

OPERATING TEMPERATURE: -40°C to +85°C [-40°F to 185°F]

DISPLAY VIEWING TEMPERATURE: -29°C to +85°C [-20°F to 185°F]

STORAGE TEMPERATURE: -40°C to +85°C [-40°F to 185°F]

ENVIRONMENTAL SEALING: IP68, +/- 5 PSI (+/- 34 kPa)

POWER SUPPLY OPERATING CURRENT:

[@ 14 VDC] 52 mA min. 300 mA max.

[@ 32 VDC] 1 mA max. [with LCD heater].

CAN BUS: SAE J1939 Compliant

CASE: Polycarbonate / Polyester

CLAMP: Polyester (PBT)

CONNECTORS: 6-Pin Deutsch DT Series

AUXILIARY RS485 COMMUNICATIONS PORT:

38.4K baud, N, 8, 1 or 2, half duplex

User configurable as MODBUS® MASTER or MODBUS RTU SLAVE

MASTER ACTIVE (default) drives optional PVA or PVM gages

SLAVE ACTIVE offers user adjustable communication parameters

RESISTIVE INPUT: (user selectable as one of the following)

Backlighting Potentiometer: 1K Ohm, 1/4 W

Murphy Fuel Sender: 33 Ohm full, 240 Ohm empty set standard from factory for use with Murphy fuel sender. Can be set for non-Murphy fuel senders

SHIPPING WEIGHTS [all models]: 1b. [450 g.]

SHIPPING DIMENSIONS [all models]: 4-3/4" x 4-3/4" x 3-1/8" [121mm x 121mm x 79 mm]

### ENOVATION CONTROLS CORPORATE HEADQUARTERS

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TULSA, OK 74146

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5757 FARINON DRIVE  
SAN ANTONIO, TX 78249

### ENOVATION CONTROLS – HOUSTON OFFICE

105 RANDON DYER RD  
ROSENBERG, TX 77471

### ENOVATION CONTROLS – UNITED KINGDOM

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